

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8021622	substrate polymer polymeric matrix flexible rubber elastomeric elastomer silicone siloxane polysiloxane film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/09 12:53
L2	60188	((("self-assembled" "self assembled" (self adj assembled)) near3 (monolayer (mono adj layer)))) (monolayer (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/09 12:53
L3	5400	((luminescent sensor sensing) with (particle filler flake)) same L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/09 12:53
L4	279	L3 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/09 12:53
L5	6868	428/447.ccls. 428/448.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/09 12:53
L6	2598	427/2.1.ccls. 427/2.11.ccls. 427/2.31.ccls. 427/289.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/09 12:57
L7	3	(15 16) and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/09 12:57
S1	2773	("self-assembled" "self assembled" (self adj assembled)) near3 (monolayer (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:41
S2	157774	silane organosilane alkoxysilane methoxysilane ethoxysilane oxysilane alkylsilane methylsilane ethylsilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 11:26
S3	369	S1 same S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 14:38

## EAST Search History

S4	215936	substrate with (polymer polymeric matrix flexible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:56
S5	232	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 14:39
S6	163838	(substate film matrix polymer) with (stretch stretch\$4 stress stress\$4 pull pull\$4 strain strain\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 14:41
S7	30	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:49
S8	35	S1.ab. and S2.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 14:47
S9	49713	S1 (monolayer (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 14:51
S10	783	S2 with S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 14:51
S11	64903	carbodiimide \$carbodiimide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 14:52
S12	65257	carbodiimide \$carbodiimide\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 14:53
S13	66	S10 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 15:14
S14	11	S10 and S12 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 15:19

## EAST Search History

S15	681	S9 same S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 15:19
S16	9	S15 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 15:19
S17	50352	monolayer (mono adj layer) "mono layer" "mono-layer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:30
S18	5061	selfassembled (self adj assembled) "self assembled" "self-assembled"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:38
S19	2804	S17 near2 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:31
S20	116228	substrate with (flexible stress strain\$3 stretch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:49
S21	389	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:31
S22	86844	substrate near6 (flexible stress strain\$3 stretch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:33
S23	329	S19 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:33
S24	38287	substrate near6 (stress strain\$3 stretch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:33
S25	68	S19 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:36

## EAST Search History

S26	36	S19 and S24 and cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:47
S27	219	S17 with S18 with (alkylsilane methylsilane ethylsilane propylsilane silane organosilane alkoxysilane oxysilane methoxysilane ethoxysilane propoxysilane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:51
S28	209180	substrate with (flexible stress strain\$3 stretch\$3 plastic rubber elastomer elastomeric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:55
S29	84	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:51
S30	91843	sam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:51
S31	185	S30 with (alkylsilane methylsilane ethylsilane propylsilane silane organosilane alkoxysilane oxysilane methoxysilane ethoxysilane propoxysilane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:52
S32	320	S27 S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:52
S33	112	S32 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:52
S34	245066	substrate with (flexible stress strain\$3 stretch\$3 plastic rubber elastomer elastomeric force pull compress)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 15:12
S35	148	S32 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 14:56
S36	108870	substrate with (stress strain\$3 stretch\$3 force pull compress vice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 15:13

## EAST Search History

S37	67	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 16:29
S38	417	S18 and carbodiimide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 16:31
S39	223	S18 and carbodiimide and nhs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 16:31
S40	132	S18 and carbodiimide and nhs and edc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 16:38
S41	3	S18 and carbodiimide and nhs and edc and ecm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 16:32
S42	29	S32 and carbodiimide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/24 16:38
S43	231	feely.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:34
S46	38	feely.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:35
S47	269	S43 S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:35
S48	12	carbodiimide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:35
S49	40845	carbodiimide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:35

## EAST Search History

S50	11	S47 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:35
S51	5078	selfassembled (self adj assembled) "self assembled" "self-assembled"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:38
S52	418	S49 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:38
S53	143	ethyldimethylaminopropylcarbodiimide (ethyldimethylaminopropyl adj carbodiimide) (ethyldimethyl adj aminopropylcarbodiimide) (ethyldimethyl adj aminopropyl adj carbodiimide) (ethyldimethyl adj aminopropyl adj carbodiimide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:46
S54	17	hydroxysulfosuccinate sulfohydroxysuccinate (hydroxy adj sulfosuccinate) (sulfohydroxy adj succinate) (sulfo adj hydroxy adj succinate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:42
S55	0	S52 and S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:42
S56	834	hydroxysulfosuccinimide sulfohydroxysuccinimide (hydroxy adj sulfosuccinimide) (sulfohydroxy adj succinimide) (sulfo adj hydroxy adj succinimide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:47
S57	2	S52 and S53 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:43
S58	3	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:44
S59	9	S53 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:46
S60	549	S49 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:46

## EAST Search History

S61	15870	ethylmethylaminopropylcarbodiimide (ethylmethylaminopropyl adj carbodiimide) (ethylmethyl adj aminopropylcarbodiimide) (ethylmethyl adj aminopropyl adj carbodiimide) (ethylmethyl adj aminopropyl adj carbodiimide) edc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:51
S62	228262	hydroxysulfosuccinimide sulfohydroxysuccinimide (hydroxy adj sulfosuccinimide) (sulfohydroxy adj succinimide) (sulfo adj hydroxy adj succinimide) nhs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:51
S63	6361	S61 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:47
S64	233	S51 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:47
S65	15870	ethylmethylaminopropylcarbodiimide (ethylmethylaminopropyl adj carbodiimide) (ethylmethyl adj aminopropylcarbodiimide) (ethylmethyl adj aminopropyl adj carbodiimide) (ethylmethyl adj aminopropyl adj carbodiimide) "edc"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:51
S66	228262	hydroxysulfosuccinimide sulfohydroxysuccinimide (hydroxy adj sulfosuccinimide) (sulfohydroxy adj succinimide) (sulfo adj hydroxy adj succinimide) "nhs"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 09:51
S67	12851	hydroxysulfosuccinimide sulfohydroxysuccinimide (hydroxy adj sulfosuccinimide) (sulfohydroxy adj succinimide) (sulfo adj hydroxy adj succinimide) "nhs"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 09:56
S68	2507	S67 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 09:52
S69	211	S68 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 11:27
S70	1408	(hydroxysulfosuccinimide sulfohydroxysuccinimide (hydroxy adj sulfosuccinimide) (sulfohydroxy adj succinimide) (sulfo adj hydroxy adj succinimide) "nhs") with (buffer\$3 stabiliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 10:01
S71	52	S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 09:57

## EAST Search History

S72	59	(hydroxysulfosuccinimide sulfohydroxysuccinimide (hydroxy adj sulfosuccinimide) (sulfohydroxy adj succinimide) (sulfo adj hydroxy adj succinimide) "nhs") with (stabiliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 10:03
S73	8	S71 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 10:01
S74	24	S72 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 10:11
S75	0	liebmannvinson-andrea.in. liebmannvinson-andrea-\$in. liebmann-andrea-vinson.in. liebmann-andrea-v.in. liebmann-andrea-\$in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 10:12
S76	17	liebmannvinson-andrea.in. liebmannvinson-andrea-\$in. liebmann-andrea-vinson.in. liebmann-andrea-v.in. liebmann-andrea-\$in. liebmann\$-andrea.in. liebmann-andrea-\$in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 10:14
S77	4	chaney-bryce.in. chaney-bryce.in. chaney-bryce-n.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 10:15
S78	5	efimenko-kirill.in. efimenko-kirill-\$in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 10:15
S79	5	genzer-jan.in. genzer-jan-\$in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 10:15
S80	23	S76 S77 S78 S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:03
S81	11	S80 and (monolayer (mono adj layer) "mono layer" "mono-layer")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 13:15
S82	9	S80 and (S49 S65 S66)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 10:51



## EAST Search History

S83	159113	silane organosilane alkoxysilane methoxysilane ethoxysilane oxysilane alkylsilane methylsilane ethylsilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 11:26
S84	104	S68 and S51 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:34
S85	48	S68 and S51 and S83 and (adhesive adhesion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:18
S86	26	("6395506" "6218178" "6107085" "6080574" "6057150" "6048723" "6037141" "5998517" "5567598" "5278063" "4851521" "4839280" "4822741" "4789601").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 13:12
S87	26	("6395506" "6218178" "6107083" "6080574" "6057150" "6048723" "6037141" "5998517" "5567598" "5278063" "4851521" "4839280" "4822741" "4789601").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 13:15
S88	2	S87 and (monolayer (mono adj layer) "mono layer" "mono-layer")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 13:16
S89	0	S87 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 13:16
S90	0	S87 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 13:16
S91	6498	428/447.ccls. 428/448.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/09 12:53
S92	2	S51 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:19
S93	57	S51 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:19

## EAST Search History

S94	3	S51 and S91 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:19
S95	11	S51 and S91 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:20
S96	11	S94 S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:20
S97	5078	selfassembled (self adj assembled) "self assembled" "self-assembled"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:34
S98	15870	ethyldimethylaminopropylcarbodiimide (ethyldimethylaminopropyl adj carbodiimide) (ethyldimethyl adj aminopropylcarbodiimide) (ethyldimethyl adj aminopropyl adj carbodiimide) (ethyldimethyl adj aminopropyl adj carbodiimide) "edc"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:34
S99	12851	hydroxysulfosuccinimide sulfohydroxysuccinimide (hydroxy adj sulfosuccinimide) (sulfohydroxy adj succinimide) (sulfo adj hydroxy adj succinimide) "nhs"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:34
S100	2507	S99 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:34
S101	159113	silane organosilane alkoxysilane methoxysilane ethoxysilane oxysilane alkylsilane methylsilane ethylsilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:34
S102	104	S100 and S97 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:36
S103	1429	S97 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:36
S104	67183	extracellular (extra adj cellular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:40

## EAST Search History

S105	192	S103 and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:36
S106	0	S105 and lamini	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:37
S107	67	S105 and laminin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:37
S108	52	S105 and laminin and fibronectin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:38
S109	2218	(extracellular (extra adj cellular)) same laminin same fibronectin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/25 14:40
S110	2276	(extracellular (extra adj cellular)) same laminin same fibronectin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:41
S111	30	S107 and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:41
S112	13	(S97 same S101) and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:48
S113	53	(S97 same S101) and luminescent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:56
S114	3	(S97 same S101) and (luminescent with oxygen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:52
S115	5	(S97 same S101) and (luminescent same oxygen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:53

## EAST Search History

S116	10	(S97 same S101) and (luminescent same substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:53
S117	246494	substrate with (polymer polymeric matrix flexible rubber elastomeric elastomer silicone siloxane polysiloxane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 14:56
S118	36	(S97 same S101) and luminescent and S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:43
S119	1	pmds same luminescent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/25 15:06
S120	3422	("self-assembled" "self assembled" (self adj assembled)) near3 (monolayer (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:49
S121	168642	silane organosilane alkoxysilane methoxysilane ethoxysilane oxysilane alkylsilane methylsilane ethylsilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:49
S122	468	S120 same S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:49
S123	237140	substrate with (polymer polymeric matrix flexible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:49
S124	294	S122 and S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:50
S125	174909	(substate film matrix polymer) with (stretch stretch\$4 stress stress\$4 pull pull\$4 strain strain\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 17:00
S126	38	S124 and S125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:51

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S127	1536	S120 and S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:50
S128	194	S127 and S125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 14:10
S129	1453636	activat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:51
S130	1815849	activat\$ oxidiz\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:51
S131	128	S128 and S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 16:51
S132	71619	S125.ti. S125.ab. S125.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 17:01
S133	12	S128 and S132	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/09 17:01
S134	3430	("self-assembled" "self assembled" (self adj assembled)) near3 (monolayer (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:51
S135	237411	substrate with (polymer polymeric matrix flexible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 14:11
S136	175051	(substate film matrix polymer) with (stretch stretch\$4 stress stress\$4 pull pull\$4 strain strain\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:27
S137	1540	S134 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 14:11

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S138	194	S137 and S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 14:11
S139	255315	substrate with (polymer polymeric matrix flexible elastomer rubber elastomeric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 14:11
S140	201	S134 and S139 and S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 14:12
S141	70800	carbodiimide \$carbodiimide\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 14:13
S142	32	S140 and S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 14:13
S143	54696	(substate film) with (stretch stretch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:27
S144	3	S142 and S143	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:22
S145	29868	"ecm" (extracellular adj2 matrix) (extra adj2 cellular adj2 matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:23
S147	266738	antibody antigen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:23
S148	86764	(growth adj2 factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:26
S149	306024	S145 S147 S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:27

## EAST Search History

S150	60153	(substrate film) with (stretch stretch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:27
S151	231371	(substrate film matrix polymer) with (stretch stretch\$4 stress stress\$4 pull pull\$4 strain strain\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:27
S152	322	S134 and S139 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:27
S153	144	S152 and S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:28
S154	6177	selfassembled (self adj assembled) "self assembled" "self-assembled"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:43
S155	168776	silane organosilane alkoxyasilane methoxyasilane ethoxyasilane oxyasilane alkylsilane methylsilane ethylsilane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:43
S156	266871	substrate with (polymer polymeric matrix flexible rubber elastomeric elastomer silicone siloxane polysiloxane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:45
S157	43	(S154 same S155) and luminescent and S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:44
S158	47	(S154 same S155) and ((luminescent sensor sensing) same S156)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:52
S159	6570560	substrate polymer polymeric matrix flexible rubber elastomeric elastomer silicone siloxane polysiloxane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:51
S160	187	(S154 same S155) and ((luminescent sensor sensing) same S159)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:47

## EAST Search History

S161	7768371	substrate polymer polymeric matrix flexible rubber elastomeric elastomer silicone siloxane polysiloxane film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:51
S162	2368	S134 same S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:52
S163	267961	(luminescent sensor sensing) same S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:54
S164	849	S162 and S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:53
S165	853574	S149 biological oligonucleotide nucleotide protein peptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:54
S166	651	S164 and S165	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:54
S167	2288	((luminescent sensor sensing) near5 (particle filler flake)) same S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:16
S168	38	S166 and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 15:57
S169	20	liebmannvinson-andrea.in. liebmannvinson-andrea-\$in. liebmann-andrea-vinson.in. liebmann-andrea-v.in. liebmann-andrea-\$in. liebmann\$-andrea.in. liebmann-andrea-\$in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:03
S170	6	chaney-bryce.in. chaney-bryce.in. chaney-bryce-n.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:03
S171	5	efimenko-kirill.in. efimenko-kirill-\$in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:03



## EAST Search History

S172	5	genzer-jan.in. genzer-jan-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:03
S173	27	S169 S170 S171 S172	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:03
S174	2	S167 and S173	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:10
S175	137771	immobiliz\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:10
S176	44204	S175.ti. S175.ab. S175.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:10
S177	438	S176 and S134	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:11
S178	10	S176 and S134 and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:11
S179	121	((luminescent sensor sensing) with (particle filler flake) with oxygen) same S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:40
S180	19	((luminescent sensor sensing) with (particle filler flake) with oxygen) same S161 same dispers\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:21
S181	5041	((luminescent sensor sensing) with (particle filler flake)) same S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:25
S182	470	S175 and S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:26

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S183	193	S175 and S181 and S139	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:27
S184	37	S175 and S181 and S139 and S134	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:30
S185	54	S134 and (S151 S139) and S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/11 16:33
S186	8012672	substrate polymer polymeric matrix flexible rubber elastomeric elastomer silicone siloxane polysiloxane film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:41
S187	124	((luminescent sensor sensing) with (particle filler flake) with oxygen) same S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:42
S188	60027	((("self-assembled" "self assembled" (self adj assembled)) near3 (monolayer (mono adj layer))) (monolayer (mono adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:43
S189	5389	((luminescent sensor sensing) with (particle filler flake)) same S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:52
S190	4	S187 and S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:43
S191	279	S189 and S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/09 12:53
S192	762	((luminescent sensor sensing) with (particle filler flake) with (dispers\$ mixing mixed blended blending)) same S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:54
S193	29	S192 and S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/02 09:54